

The Charvakskaya Hydroelectric Power Plant is Next,  
by M. Zherebtsov, 3 pp.  
RUSSIAN, per, Narodnoye Khoz Uztek, No 3, 1961,  
pp 21-24.

JPRS 4743

159, 921

USSR

Non

Jul 61

Zherebtsov, P. I. and Vrakin, V. P.  
DEVELOPMENT OF THE PAVLOV METHODS OF  
STUDYING DIGESTION PHYSIOLOGY OF FARM  
ANIMALS (Razrabotka Pavlovskoy Metodiki Izucheniya  
Fiziologii Pishchevareniya Sel'skokhozyaystvennykh  
Zhivotnykh) tr. by M. Slade. [1960] [27]p. (foreign  
text included) 58 refs. CSIRO Trans. no. 5089.  
Order from LC or SLA m1\$2.70. ph\$4.80 61-15966

Trans. of [Moskovskaya] Sel'skokhozyaystvennaya  
Akademiya. Izvestiya (USSR) 1960, no. 1(32)  
p. 77-88.

Various methods of surgical construction of Pavlov's  
chronic fistulae in ruminants, pigs, horses, etc., as  
developed by Soviet experimenters are described in  
detail.

(Agriculture--Animal Husbandry, TT, v. 5, no. 8)

61-15966

1. Digestive system--  
Physiology
2. Digestive system--Surgery
3. Animals--Physiology
- I. Zherebtsov, P. I.
- II. Vrakin, V. P.
- III. CSIRO Trans-5089
- IV. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

Office of Technical Services

41

Motor Function of the Dorsal (Isolated)  
and Ventral Blind Projections in the  
Rumen of the Multi-Chambered Stomach,  
by P. I. Zherebtsov, V. F. Vrakin.  
RUSSIAN, per, Izvestiya Timiryazev  
Sel'akad., No 1, 1962, pp 153-166.  
NLL KIS 2911

P. I. Zherebtsov

Sci-B&H  
Jul 66

304,359

Table of Contents of the Russian book:  
Introduction to Radio Technique of Decimeter and  
Centimeter Waves, by I. P. Zherebtsov, 191 pp,  
UNCLASSIFIED

bk  
RUSSIAN, ~~PERIODICAL~~, Vvedenie v Radiotekhniku  
Detsimetrovkh i Sentimetrovkh Voln, publ  
in Moscow, 1953.

Navy Tr 1127/ML 507  
RT-2379  
Scientific - Electronics Mar 55 CMS

20, 1448

(NY-3000)

Machines for Packing Down the Bottoms of  
Irrigation Canals, by A. Ya. Gol'din, V. V.  
Zherebtsov, Ya. D. Zaydman, 4 pp.

RUSSIAN, per, Mekh Stroitel, No 7,  
1961, pp 14-16.

JPRS 10424

USR

173,350

Econ

Nov 61

Current in the Charge Materials of a Ferrosilicon Furnace, by I. T. Zherdev, 5 pp.

RUSSIAN, par, Elektrichestvo, No 5, 1957, pp 65-69.

PP

Sci -  
Jan 61

137, 030

Immunological Features of Kruse-Sonne Dysentery, by  
A. D. Zherikova, 4 pp.

RUSSIAN, no per, Zhur Microbiol, Epidemiol i  
Immunobiol, Vol XVIII, No 4, 1957, pp 69-72.

Pergamon Press

Sci - Medicine  
Jan 58

57, 260

Some Epidemiological Peculiarities of Kruse-Sonne  
Dysentery, by A. D. Zherikova, 3 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i  
Immunobiol, Vol XXVIII, No 3, 1957.

Pergamon Press

Sci - Medicine  
Oct 57

53, 865

Studies of Polio Vaccination in Various Age-Groups, by V. D. Belikova-Audikova, V. N. Slobodov, I. D. Zherikhova, 6 pp.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunolog Vol 34(1), No 10, 1960, pg 38-39.

CB

Rei

171, 6 98

cont'd

Zhermanskii, B. CALCULO DEL EJE DE TRANSMISION DEL MECANISMO REDUCTOR DE LA GRUA DE PORTICO CHERETTI-TANFANS (Raschet Vykhodnogo Vала Reduk-tora Privoda Povorota Portal'nogo Krana "Cheretti-Tanfan") (Determination of the Cheretti-Tanfan Traveling Jib Crane Reducing Mechanism Driving Shaft). 7p. CID: 62-211. Order from OTS, ETC or CID \$0.80      62-29211  Trans. in Spanish of Morskoi Flot (USSR), 1960, [v. 20] no. 5, p. 12-13.	62-29211  I. Title: Cheretti-Tanfan Crane II. Zhermanskii, B. III. CID-62-211 III. Centro de Información y Documentación Madrid (Spain)  A 47956  Office of Technical Services
(Machinery--Transport, TT, v. 10, no. 5)	

Balancing the Moving Superstructure of Cranes,  
by B. I. Zhermynskiy, 3 pp.

RUSSIAN, per, Vest Mashinostro, No 1, 1962,  
pp 31-33.

PERA

Sci

Oct 62

214,425

Vaccinal Reaction and Immunity in Foot and Mouth  
Aluminum-Hydroxide Vaccine, by T. P. Zhernosek, 16 pp.

RUSSLN, Trudy Vsesoyuznogo Instituta Experimental'noy  
Veterinarii, Vol XIX, No 1, Moscow, 1952, pp 120-137.

URDA

Scientific - Biology

CSC/DMC

4878

Electron Commutator, by V. S. Zhernov,  
Ye. P. Murashov, et al. 14 pp.  
RUSSIAN, per, Yadernoye Priborostroyeniye.  
Nauchno-Tekhnicheskly Sbornik, No 1, 1964.  
pp 139-150. P100201167  
FTD-HT-66-415

102

V. S. Zhernov

Sci/electronics  
Aug 78

331,401

Application of Proton Resonance to the Measurement  
of Intense External Magnetic Fields, by A. I.  
Zhernovoy, Yu. S. Yegorov, et al., 8 pp.  
and illus., tr. Inzenerno-Fizicheskiy Zhurnal,  
No. 9, 1956, pp. 123-127, 9230320.

AEC-tr-22

136

232,145

101-00929  
Rev. 00

Zhernov, A.  
NEW METHOD MEASURING THE CONSUMPTION  
OF FLUIDS WITH APPLICATION TO NUCLEAR  
MAGNETIC RESONANCE (Novyi Metod izmereniya  
Reaktsii Zhdrossel's Primeneniem Yadernogo  
Magnitnogo Rezonansia), tr. by Bonnigall Kusan.  
Mar 63 [7p] Srefs  
Order from OTS: SLA, or ETC \$1.10 TT-63-23703

Trans. of #Inzhenerno-Fizicheskii Zhurnal (USSR)  
1962, v. 5, no. 5, p. 112-115.

DESCRIPTORS: \*Nuclear magnetic resonance,  
Detection, Consumption, \*Fluids, Nuclear industrial  
applications, Measurement, Fluid flow.

The proposed method allows a continuous recording  
of absolute value to be made. It has little inertia and  
does not require high uniformity of magnetic field  
and no toroidal pipe. (Author)  
(Nuclear Physics and Nuclear Chemistry, TT, v. 11,  
no. 9)

--  
TT-63-23703

I. Zhernov, A.  
II. Morgantown Coal Research  
Center, W. Va.

Office of Technical Services

Zhernovoi, A. L. and Latyshev, G. D.  
FREQUENCY DEPENDENCE OF A NUCLEAR PARAMAGNETIC MASER ON ITS PARAMETERS  
B. W. Kuvshinoff, tr. 23 Sep 63, 9p 9refs  
APL/JHU TG 230-T401.  
Contract N0w62-0604-c  
Order from OTS \$0.50

TT-63-11737

Trans. of Akad[emiya] Nauk Kaz[akhskoi] SSR [Alma Ata], Inst[itut] Yadernol Fiziki, Trudy, 1962, v. 5, p. 111-116. (Abstract available)

DESCRIPTORS: \*Masers, \*Nuclear resonance, \*Paramagnetic resonance, Circuits, Oscillation, Excitation, \*Measuring devices (Electrical and electronic), Errors.

Presentation is made of the expression obtained for the dependence of the frequency of oscillations excited in a radio-frequency circuit by radiation relaxation of (Physics, TT, v. 11, no. 6) (over)

TT-63-11737

I. Zhernovoi, A. L.  
T. Latyshev, G. D.  
II. APL/JHU-TC-230-T401  
IV. Applied Physics Lab.,  
John Hopkins U.,  
Silver Spring, Md.  
V. Contract N0w62-0604-c

Office of Technical Services

Measurements of the Rate of Flow of Liquids by Means  
of Nuclear Resonance, by A. I. Zhernovoy, 8 pp.

RUSSIAN, per, Priborostroenie, No 7, 1961,

CIA/FDD X-5046

Sci -  
Nov 62

215,263

Zhernovoy, A. I., Latyshev, G. D., and  
Sergeyev, A. G.  
MEASUREMENT OF MAGNETIC FIELD BY METHOD  
OF MAGNETIC RESONANCE OF PROTONS [1961]  
9p. 14 refs.  
Order from RIS \$1.50

RIS E-53t

Transl. of [Pribory i Tekhnika Eksperimenta] (USSR)  
1957, no. 2, p. 60-63.

DESCRIPTORS: \*Magnetic fields, Measurement, In-  
strumentation, Protons, \*Resonance absorption,  
Resonance.

(Physics--Magnetism, TT, v. 6, no. 2)

61-22507

- I. Zhernovoy, A. I.
- II. Latyshev, G. D.
- III. Sergeyev, A. G.
- IV. RIS E-53t
- V. Research Information  
Service, New York

Office of Technical Services

Measure Des Champs Magnetiques Par La Methode  
De Resonance Magnetique Des Protons. (Measurement  
of the Magnetic Field by the Method of Proton  
Magnetic Resonance), by A. I. Zhernovoi (Jernovoi)  
G. D. Latyshev (Latychev), A. G. Sergeyev (Sergueiev),  
12 pp.

FRENCH from RUSSIAN, per, Pribory i Tekh. Ekspt,  
No 2, 1957, pp 60-62.

Reverse Translation  
AEC/CEA-Tr-R504

Internal Conversion Electron Spectrum of Radio-thorium II, by A. I. Zhernovoi, E. M. Krisyuk, G. D. Latyshev, A. S. Remennyj, A. G. Sergeyev, V. I. Fadeyev, 6 pp.

RUSSIAN, no per, Zhur Eksp i Teoret Fiz, Vol XXXII, No 4, Nov 1957, pp 682-689.

Amer Inst of Phys  
Sov Phys-JETP  
Vol V, No 4

58,070

Sci - Physics  
Jan 58

Nuclear Magnetic Resonance in a Flowing  
Liquid by Aleksandr Ivanovich Zhernovoi,  
Georgii Dmitrievich Latyshev.  
RUSSIAN, 166 pp.

CB

Sci  
May 66

300,835

Nuclear Magnetic Resonance in a Flowing  
Lipid, by A. M. Zherkovoy, Letyshev.

RUSSIAN, bk, 1954.

\*CB (Available Spring 1975)

Sci-Mic Sci  
July 14

Methods of Work Employed by Stock Yard Foremen  
A. N. Chernovoy, by K. P. Murkov, 3 pp.

Consultants Bureau

Sci - Min/Mkt

Dec 58

77,484

Measurements of the Rate of Flow of Liquids  
by Means of Nuclear Resonance, by A. I.  
Zhernovoi, 8 pp.

RUSSIAN, per, Priborostroenie, No 7, 1961.

CIA/PDD X-5046

Sci - Phys  
Nov 62

215,263

Evaluation of the Accuracy of Magnetic Field Measurements  
by the Nutation Method, by A. N. Zhernovoy, Yu. S.  
Yegorov, G. D. Latyshev, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII, No 8,  
1958, pp 938-942.

FDD/X-3446

Sci  
Apr 59

EXHIBIT TO THE EXPENSES OF THE LIAISON COMMITTEE  
COMMITTEE, BY G. PERRY, A. MERRILL, 3 PP.

RUSSELL, MR., PRACTICALLY UNKNOWN, & TWO OTHERS, P. S.

APR 1963

1000  
2000  
APR 63

200,000

Synthesis of 2-Ethylanthraquinone Tagged with Carbon  
C<sup>14</sup> in the Nucleus, by A. P. Terentyev, S. V.  
Svetsova, V. I. Sevushkin, E. N. Chernovskaya and  
E. A. Charskaya, 4 pp.

Full tr

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVII,  
No 3, p 417.

Consultants Bureau

41, 526

Sci - Chemistry  
Dec 56 CTS

Ruby Spinel of the Pereval Deposit, and Its  
Secondary Alterations, by M. I. Zheru, 7 pp.

RUSSIAN, por, Iz Ak Nauk SSSR, Ser Geolog,  
No 2, 1959, pp 107-114.

Amer Geolog Inst

Sci

132, 528

Nov 60

The Effect of Neutron Bombardment on Lithium  
Fluoride Crystals, by E. V. Kolontsova,  
M. I. Zhestovskaya, 6 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 1.  
1960, pp 56-62.

AIP  
Sov-Phys Crystal

Sci

132, 588

Nov 60

~~Redistribution or other use of this material without written consent of the copyright holders is illegal.~~  
~~by V. S. Tikhonravov, 13 pp.~~

~~RUSIAN, Sov. Radiotekhnika i Sistem Radioelektroniki, 1962, pp 6-13.~~

~~ZPRB 22612~~

~~Sov-Russ & Mod  
Jan 64~~

~~248, 579~~

Nucleic Acid Content in Escherichia Coli of  
Varied Radioresistance, by V.D. Zhestyanikov,  
7pp  
RU SIAN, per, Doklady Akademii Nauk SSSR, Vol CLVII  
No 4, Moscow, 1964, pp 975-978  
JPRS 27239

Sci-Biol & Med  
Jan 65

271110

Radioresistance of Escherichia Coli Resistant  
to Antibiotics, by V. D. Zhestyanikov, 11 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 4, ~~1961~~  
1961, pp 573-579. 9202560

AEC-Tr-5425

Sci

Mar 63

224,668

Concerning the Performance of Phototubes at Reduced Voltage, by V. M. Zhestyanikov, L. S. Grinberg, 6 pp.

KIEVIAN, ser. Iz Vysshikh Ucheb Zaved MVISSO SSSR po Radioelektronike, Vol. VI, No. 2, 1963.

JPRS 22479

Sci

245-820

Doc 63

Improvement in the Resistance of 18-9 Ti Stain-<sup>87</sup>  
less Steel Sheet and Strip to Intergranular  
Corrosion, by N.P. Zhetvin, I.V. Gorbatenko.  
RUSSIAN, per, Zashchita Metallov, Vol 3, No 1,  
pp 65-72.  
ISB 7152

N P Zhetvin

Sci/Materials  
Jun 67

327,587

Heat Treatment of Low-Carbon Magnetic Core Steel, by  
N. P. Zhetvin, L. N. Podvoiskiy, 4 pp.

RUSSIAN, ~~xxx~~ per, Metallov i Term Obrabotka Metallov,  
Nos 10-12, 1960, pp 20-24.

Acta Metallurgica

Xxx

Sci

Oct 62

214,120

EMBRITTLEMENT OF COLD-DRAWN HIGH-CARBON, HIGH-CHROMIUM  
STEEL KH 18, BY N. P., ZHETVIN, ET AL.

RUSSIAN, PER, METALLOV I TERM OBRAB METALLOV, NO 8,  
1960, PP 30, 35-38.

HB 5480

SCI - MIN/MET  
OCT 62

212,081

RRBXKXXMXBXMMBX

Magnetic Aging of Soft Steel, by N. P.  
Zhetvin, L.N. Podvoiskiy, 4 pp.

RUSSIAN, per, Metallov i Term Obrabotka  
Metallov, No 4, 1960.

Acta Metallurgica

Sci

Jul 62

20<sup>1</sup>,044

Investigation of the Kinetics of Surface  
Decarburization of Ball-Bearing Steel When  
Treated, by N. P. Zhetvin, et al.

RUSSIAN, per, Metall i Term Obrab Metallov,  
No 2, 1960, pp 37-42.

Sci - Min/Met  
Apr 62

HB 5316  
Acta metallurgica  
190,721

Plant Laboratories in 1957, by N. I. Beda, I. I. Barnatakiy, M. T. Bulskiy, F. P. Sviridenko, N. T. Berilov and N. P. Zhetvin, 5 pp.

RUSSIAN, per, Metallurg, No 8, 1957, pp 1-4.

Consultants Bureau

Sci - ~~103~~ Thin/plet

Sep 58

72,612

Police Guide on the 250-ton Mill, by B. N.  
Maleinov, N. P. Zhavin, A. A. Ivanov, G. V.  
Dubkov, 4 pp.

RUSSIAN, per, Metallurg, No 5, 1958, pp 28, 29.

Consultants Bureau

Sci - Engineering  
Mar 59

82, 692

A Critique of an Article by N. P. Zhetyvin, V. K.  
Belosevich "The Rolling and Heat Treatment of Titanium",  
by V. F. Kalugin, 7 pp.

RUSSIAN, per, Tsvetnyye Metally, No 6, 1957, pp 78-86.

CIA/FDD X-3035

Sci - Minerals/Metals  
Aug 58

70,986

Atmospheric Radio Emission and Investigation of the  
Absorption of Centimetric Radio Waves, by S.  
Zhevakin,

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedenii  
Radiofizika, Vol I, No 2, pp 19-26., 1958.

C.S.I.R.O. 4558

Sci

May 60

115,157

Absorption of Continuous and Modulated Radiation  
by Atmospheric Water Vapor, by S. A. Zhdanov,  
A. P. Novikov.

ZHDANOV, S.A., Radiotekhnika i Elektronika, Vol IX,  
No 8, 1964, pp 1817-1827.  
NASA TT F-3969.

Sci-Phys  
Nov 64

**U.S. GOVERNMENT ONLY**

269,361

One Common Error in the Theory of Stellar Variability  
by S. A. Zhevakin, 5 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 5, 1960,  
pp 842-847.

AIP  
Sov Astron - AJ  
Vol IV, No 5

Sci

Jun 61

158, 198

Absorption of Electromagnetic Radiation by Water  
Vapor on  $10^{-2}$  cm Waves in the Upper Layers of the  
Atmosphere, by S. A. Zhevakin, A. P. Iaumov, 10 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol III,  
No 4, 1963, pp 666-678.

AGU

Sci  
May 64

258,491

On the Pulsational Theory of Stellar Variability,  
VI. (A Unified Interpretation of Various Types of  
Variability), by S. A. Zhevalkin, 10 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 6,  
1959, pp 995-1006.

Amer Inst of Phys  
Soviet Astron-AJ  
Vol III, No 6

Sci

Jul 60

120,568

**Coefficients of Absorption of Electromagnetic Waves  
by Water Vapor in the Range 18 -- 3 cm, by  
S. A. Zhevakin, A. P. Neimov, 48 pp.  
BUREAU, per, Iz Vysok Ucheb Zaved, Radiotek.,  
Vol VI, No 4, 1960, pp 674-694.**

JPRS 29496

Sci  
Mar 64

292,691

Phase and Amplitude Variations in Radiation  
Traversing a Nonadiabatic Envelope of a Pulsating  
Star, by S. A. Zhevakin, 12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, № 3,  
1960, pp 443-457.

AIP  
Sov Astron-AJ  
Vol IV, No 3

140,209

Sci

Feb 61

Absorption of Microwaves in Laminated Atmosphere,  
by S. A. Shevelkin, V. S. Troitskiy. UNCLASSIFIED

RUSSIAN, per, Radiotekhnika i Elektronika, Vol 14,  
No 1, 1979, pp 21-27.

Navy 2412/SPL T-92

Sci - Geophysics, Physics  
Feb 60

107,156

The Theory of Nonlinear Effects in the Ionosphere,  
by S. A. Zhevakin, V. M. Fain, 9 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,  
No 3, 1956, pp 518-527.

Amer Inst of Physics  
Soviet Physics, JETP  
Vol III, No 3

Sci - Physics  
Apr 57 CTS

46, 603

On a Unified Interpretation of Different Types of  
Pulsating Variable Stars, by S. A. Zhevakin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 5, 1958,  
pp 907~.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 2

\*

Sci - Phys

Jul 59

91,762

The So-Called "Period-Luminosity" Relationship of Cepheids, by S. A. Zherakin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 2, 1958, pp 252-255.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol LII, No 6

Sci - Phys  
Jul 59

91, 845

The Dissipation of the Energy of Oscillation of a  
Pulsating Star, by S. A. Zhevakin, 14 pp.

RUSSIAN, per, Astron Zhur, Vol XXXV, No 4, 1958,  
pp 583-596.

Amer Inst of Phys  
Sov Astron - AJ  
Vol II, No 4

Sci - Astron  
Jul 59

91, 672

On the Theory of Cepheids, Part I., by S. A.  
Zhevakin, 32 pp.

RUSSIAN, per, Astronomicheskii Zhur, Vol XXX,  
No 2, 1953, pp 161-179. CIA 203728

American Meteorol Soc for  
Geophysics Res Dir, ASTIA  
T-270 R U

33,902

Sci - Astronomy  
May 1956

A Theory of Stellar Variability, II. On the  
Phase Displacement Between the Variations of  
Brightness and of Radial Velocity Among Cepheids  
and Long-Period Variables, Rx by S. A. Zhevakin,  
29 pp.

Vol XXXI,  
RUSSIAN, per, Astronom Zhur, Nedik, 1954, pp 141-  
153. CIA D 151393

LA-1-856

RFB 11-1  
Air Res and Dev Command

28,608

Scientific - Astronomy  
Nov 55 CTS/DEX

On the Calculation of Nonadiabatic Stellar Pulsa-  
tions by Use of a Discrete Model, by S. A.  
Zhevakin, 13 pp.

RUSIAN, Sov, Astron Zhur, Vol XXVI, No 2, 1959,  
pp 269-282.

Amer Inst of Phys  
Sov Astron - AJ  
Vol III, No 2

See  
June 6.

106-490

Coefficient of Absorption of Electromagnetic Waves  
by Water Vapor in the Range 10 -- 2 cm, by  
S. A. Zhevakin, A. P. Naumov, 43 pp.  
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Radiofiz,  
Vol VI, No 4, 1963, pp 674-694.

JPRS 23436

Sci  
Mar 64

252,691

Further Remarks on the Central and Peripheral  
Theories of Stellar Pulsations, by  
S. A. Zhevakin. 11 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol VII,  
1960.

JPRS 24734

Sci  
Jun 64

260,103

A Theory of Stellar Variability, III (Phase Displacement Between the Brightness Variations and the Radial Velocity Among Cepheids and Long Period Variables, by S. A. Zhevakin, 43 pp.

RUSSIAN, per, Astronomicheskii Zhur, Vol XXXI,  
No 4, 1954, pp 335-357. Cf. also 3.

American Meteorol. Soc For  
Geophysics Res Dir, ASTIA

T-272 R U

33,899

Sci - Astronomy

May 1956

Polarization Diagrams of Luminescence of Molecular  
Single Crystals, by I. D. Zhevandrov, 9 pp.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,  
1956, pp 553-563.

Consultants Bureau

SLA Columbia Technical Translations

Sci - Physics  
Jun 1957

49,095

Polarization of the Luminescence of Molecular Crystals in Different Regions of the Spectrum, by V. I. Gribkov, N. D. Zhevandrov, Sh. D. Khan-Magometova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV, No 6, 1960, pp 740-743.

CTT

Sci  
Aug 61

163, 8900

*Eleventh Conference on Luminescence, by  
G. P. Gurinovich, N. D. Zhevandrov, 16 pp.*

*RUSSIAN, per, Uspakh Fiz Nauk, Vol LXXX, No 3-4,  
1963, pp 685-702.*

*CB*

*Sci  
Apr 64*

*254,127*

Effect of  $\beta$ -Radiation on the Photoluminescence  
of Molecular Crystals, by Sh. D. Khan-Magometova,  
N. D. Zhievandrov, V. I. Gribkov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,  
No 5, 1960, pp 561-566.

CTT

Sci  
Jul 61

157, 631

Wavelength dependence of the polarization of  
light in the presence of molecular crystals, by N. D.  
Zheyandrov, V. I. Gribkov, V. M. Verfolozeyeva.  
5 pp.

MOSCOW, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXIII, No 1, 1959, pp 57-61

Columbia Tech

Sci

110, 141

Mar 60

Investigation of the role of trapped and free excitons in the luminescence of molecular crystals by polarization methods, by N. D. Egorov, 3 pp.

IZVESTIYA, ser, Iz Ak Nauk SSSR, Ser Fiz, Vol 32, No 11, 1958, pp 1332-1336.

Columbia Tech

Sci

JUL 02

106,838

On the Determination of Molecular Volumes in Solutions  
by the Use of Polarized Luminescence, by N. D.  
Zhevandrov, V. P. Nikolayev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,  
No 5, 1957, pp 1025-1027.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol II, No 2

58,166

Sci - Physics  
Feb 1958

Luminescence Method for Determination of  
Small Quantities of Bacteria, by L. D. Parkhomenko,  
N. D. Shevchenko, and Sh. D. Khan-Magometsova,  
4 pp.

RUSIAN, pub., Biofiz., Vol IV, No 1, 1959,  
pp 117-119.

Foreign Press

101, 764

Investigation of Excitation Energy Migration  
in Molecular Crystals by observation of  
the Polarization of their Luminescence,  
by N. D. Zhevandrov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXVI, No 1, 1962, pp 67-73.

CTT

Sci

Jan 63

220,68

Polarization Spectra of Certain Naphthylamines and  
Polyenes, by N. D. Zhevandrov, 4 pp.

RUSSIAN, no per, Iz Ak Nauk, Ser Fiz, Vol XX, No 5,  
1956, pp 570-573.

Sci - Physics  
Jun 1957

Consultants Bureau  
SLA Columbia Technical Translations

49,097

Polarization of the Fluorescence of Organic Crystals, by M. D. Zhewandrov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIII, No 5, 1953, pp 677-680.

Sci Trans Center  
RT-2067

Scientific - Physics      Jan 55 CTB/DSX

20,842

A Method of Prediction of the Water Temperature of the Barents Sea for Cold Seasons, by A. A. Lebedev and V. T. Zhevnovsky.

Zhevnovsky.  
RUSSIAN, per, Rus. J. Tech. Phys. PIZMO,  
1962, Vol. 4 No. 22, pp. 29-30.  
NLL 9022.56 1964 (24) (On Loan)

Aug 65

286,432

V. T. Zhevnovsky

SCALE FORMATION MINIMIZED BY ELASTIC ULTRASONIC  
VIBRATIONS, BY A. I. ZHEVNATYI, BY V. N. VOLKOV,  
I. Z. PEVZNER.

RUSSIAN, PER, TSVETNYE METALLY, NO 3, 1962,  
PP 48-53.

HB 5679

SCI - PHYS  
AUG 62

207,004

<p>Zhevnovatyi, A. N. THE INFLUENCE OF THE BASIC PARAMETERS OF HYDROCYCLONE -THICKENERS ON THEIR OPER- ATING EFFICIENCY. Oct 62 [5]p. 7 refs. Order from ICE in v. 2, no. 4, \$15.00/year</p> <p>Trans. of Khim[icheskoe] Mashinostroenie (USSR) 1962 [v. 4] no. 2, p. 13-17.</p> <p>DESCRIPTORS: *Centrifuges, Cyclones, Separation, Aluminum compounds, Hydroxides, *Chemical engineering.</p> <p>(Engineering--Chemical, TT, v. 9, no. 6)</p>	<p>63-12343</p> <p>I. Title: Hydrocyclones I. Zhevnovatyi, A. N. II. International Chemical Engineering, New York</p> <p>Office of Technical Services</p>
--	---

S-5172

(NY-2023).

Chemotherapy of Radiation Sickness in Monkeys  
Under Experimental Conditions, by M. A.  
Tamanyan, Z. V. Zhevtaova, 9 pp.

RUSSIAN, per, Medic Radiolog, No 2, Moscow,  
1955, pp 41-45.

JPRS-L-875-N

Sci - Medicine, radiology, radiation sickness  
Jul 59

92, 961

The Two Theorems of Schur on Commutative Matrices,  
by Wan Zhe-xian, Li Gen-dao, 9 pp.

CHINESE, per, Acta Math Sinica, Vol XIV, No 1, 1964,  
pp 143-150.

American Soc

Sci  
Jun 64

262,257

AEC-tr-4509(p.242-55) Unc1.

THE PROBLEM OF THE "ELECTROMAGNETIC CRUCIBLE."  
R. P. Zhezherin. Translated from Voprosy  
Magnit. Gidrodinamiki i Dinamiki Plazmy,  
Trudy Konf., Akad. Nauk Latv. S.S.R., Inst.  
Fiz., Riga, 1958, 279-94(1959).

C-34 P NSA

N-  
.

TP 303

ZHEZHERUN I. F.

A comparative method of graphite testing for nuclear  
reactors

\* Atomnaya Energ., 7, No. 5, 424-428 (1959)

English

E u r a t o m

A Study of Neutron Diffusion in Sintered  
Beryllium Oxide by a Pulse Method, by  
I. F. Zhezherun, 7 pp.

RUSSIAN, per, Atom Energiya, Vol XIV, No 2,  
1963, pp 193-199.

CB

SCI  
May 44

250,000

Measuring the Moderation Length of Fission Neutrons in  
Sintered Beryllium Oxide at Energies of 1.44 and 0.3  
eV, by I. P. Zhezherun and I. P. Sadikov, p 7

RUSSIAN, per, Atom Energiya, Vol XIII, No 3, 1962,  
pp 258 - 264

Sci

340, 370

Jul 63

The Effect of Temperature and Microstructure of  
Sintered Beryllium Oxide on the Scattering Cross  
Section of Thermal Neutrons, by I. F. Zhezherun and  
I. P. Sadikov, p 8

RUSSIAN, per, Atom Energiya, Vol XIII, No 3, 1962,  
pp 250 - 257

CB

Sci

340, 339

Jul 63

A Pulse Detector for Resonance Neutrons of Energy  
0.3 ev., by I. F. Zhezherun, I. P. Sadikov, 4 pp.

RUSSIAN, per. Pribory i Tekh Eksper. No 3, 1962,  
pp 43-46.

ISA

Sci

Apr 62

233, 487

The Effect of Temperature on the Scattering of Thermal Neutrons by Sintered Beryllium, by I. F. Zhezherun, A. A. Chernyshov,

RUSSIAN, rpt, Vliyaniye Temperaturi na ~~ka~~ Kasseyaniye Teplovykh Neytronov Spechennoy Okis'yu Berylliya, 1910. pp 1-15.

\*AEC

Bei -  
Aug 31  
List 51

Measurement of the Slowing-Down Length of ~~Rix~~  
Fission Neutrons in Sintered Beryllium Oxide to an  
Energy of 1.44 ev (Indium Resonance), by I. F.  
Zhezherun, I. P. Sudikov, et al.

RSSIA, opt, Izmereniye Dliny Zameleniya  
Neutronov Deleniya v Spechennoy Okisi Berilliya do  
Energii 1.44 ev (Rezonans Indiya), 1960, 23 pp.

\*AEC

Sci —  
Aug 11  
List 5.

The Measurement of the Slowing-Down Length of Fission Neutrons to an Energy of 0.3 ev in Sintered Uranium Oxide, by I. F. Shekharan, I. P. Sadikov, et al.

IZVIZN, pt. Imprechenije bliny Zamedleniya Neutronov Detaljno do zharenija s 0.3 ev v Specchennym Okisi Uraniya, 1961, pp 1-11.

\*AGC

SAC -  
SAC -  
Hist -

Experimental Verification of the Theory of  
Neutron Diffusion in a Medium with Voids, by  
I. F. Zhezherun, 4 pp.

RUSSIAN, per, Atom Energy, Vol VI, No 3, 1959,  
pp 311-314.

CB  
\*AKU

134,901

Sci

Dec 60